

PUBLIC NOTICE

PERMIT APPLICATION: NRS # 04.191

APPLICANT: Buford Goolsby
Lawrenceburg Golf and Country Club
1901 W. Gaines
Lawrenceburg, TN 38464
(931) 762-1266

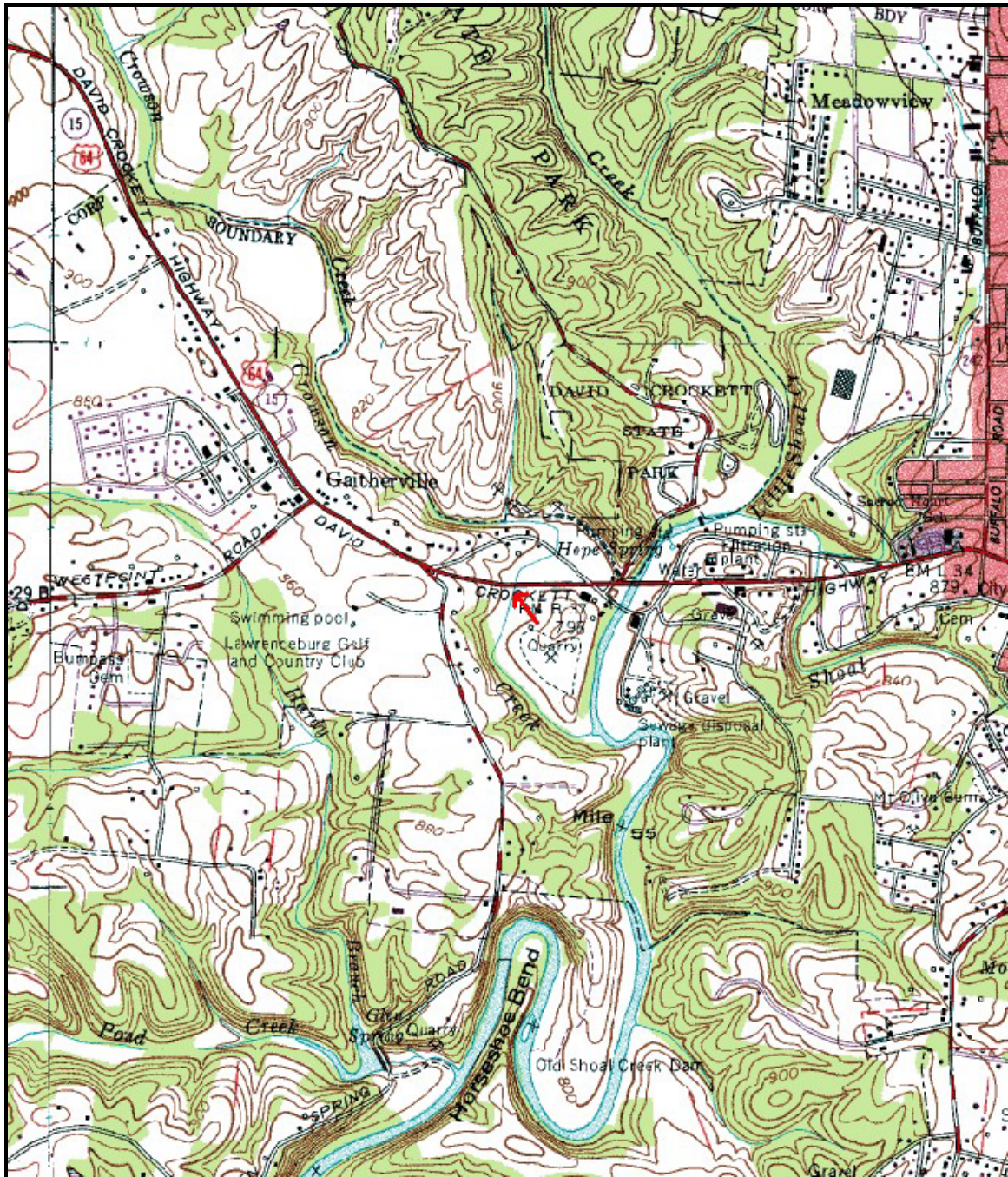
LOCATION: Crowson Creek, 0.5mi upstream from Little Shoal Creek
Lawrence County

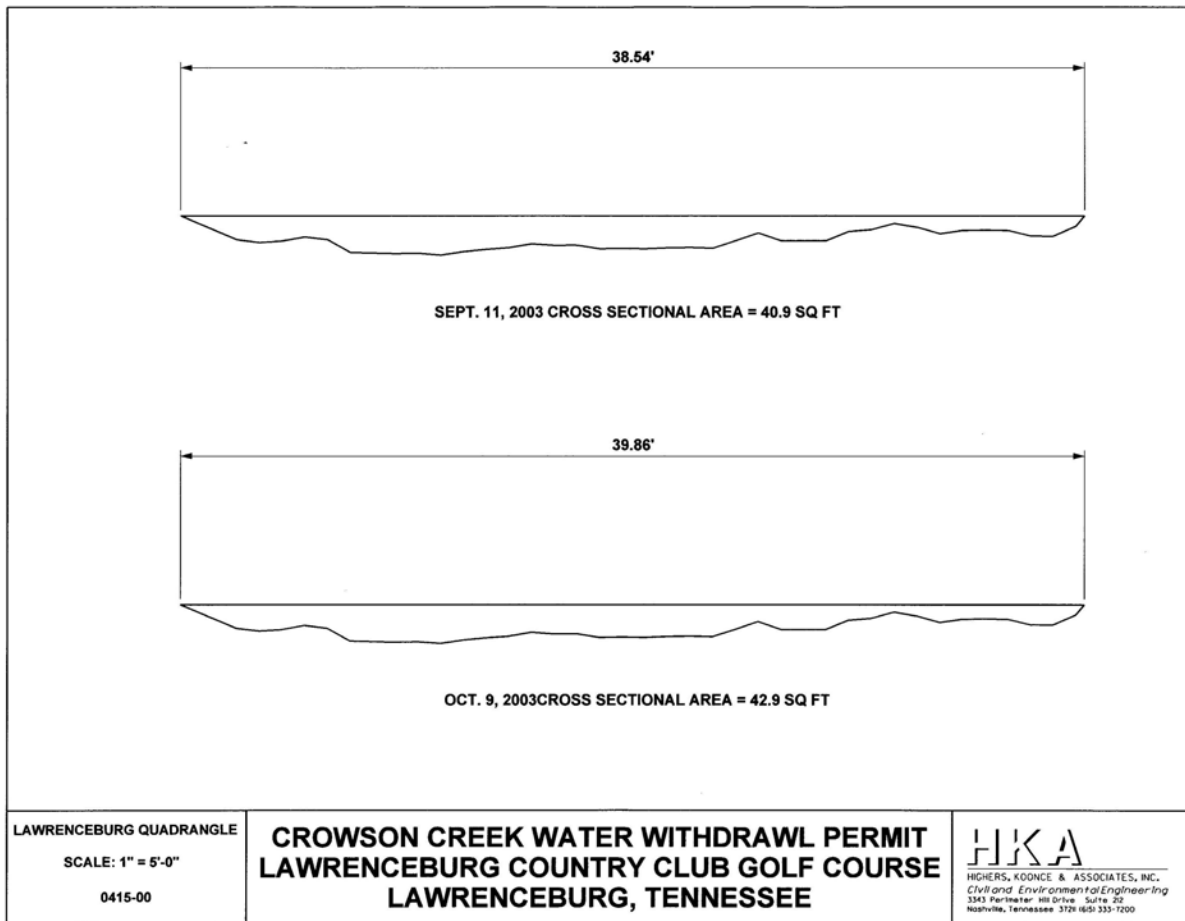
WATERSHED DESCRIPTION: Crowson Creek, part of the Shoal Creek watershed (HUC 0603000503), is a perennial stream with a drainage area of 18.6 miles. The streambed at the project site is approximately 40 feet wide with a solid rock bottom. Stream bank vegetation at the location consists of small scrub and grass, due to clearing for the US 64 right-of-way.

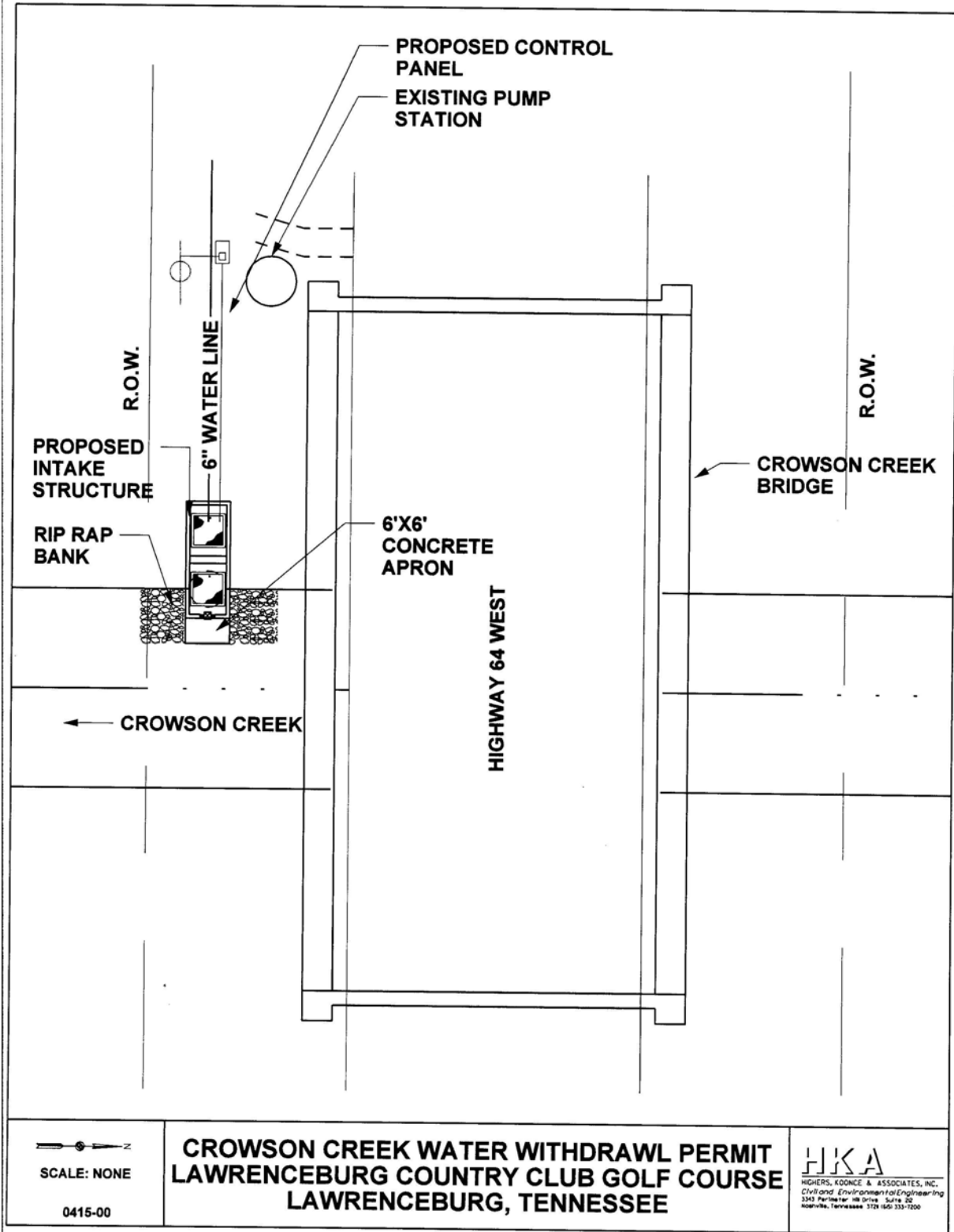
PROJECT DESCRIPTION: Applicant proposes the installation of a water intake structure in Crowson Creek on the south side of US 64 to supplement the irrigation water supply for the Lawrenceburg Golf Club. The proposed intake structure will utilize a fixed weir inlet with a bar screen allowing flow to a wet well sump containing a single 350 gpm submersible pump. The sump will be located at the edge of the low-flow streambed and the fixed weir opening for water intake will be located 1 ½' above the stream invert. The proposed withdrawal rate is .78 cfs. The 3Q20 for the stream is 4.9cfs and the 7Q10 is 5.4cfs.

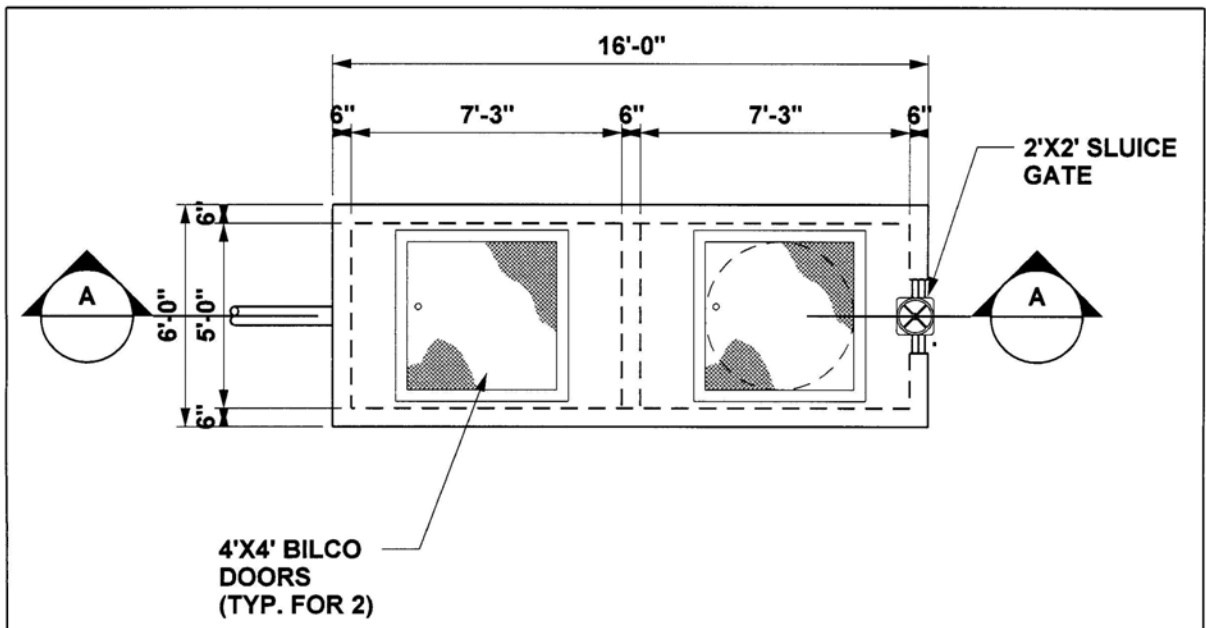
PERMIT COORDINATOR: Juliana Kyzar

UGGS TOPOGRAPHIC QUADRANGLE: Lawrenceburg Quad

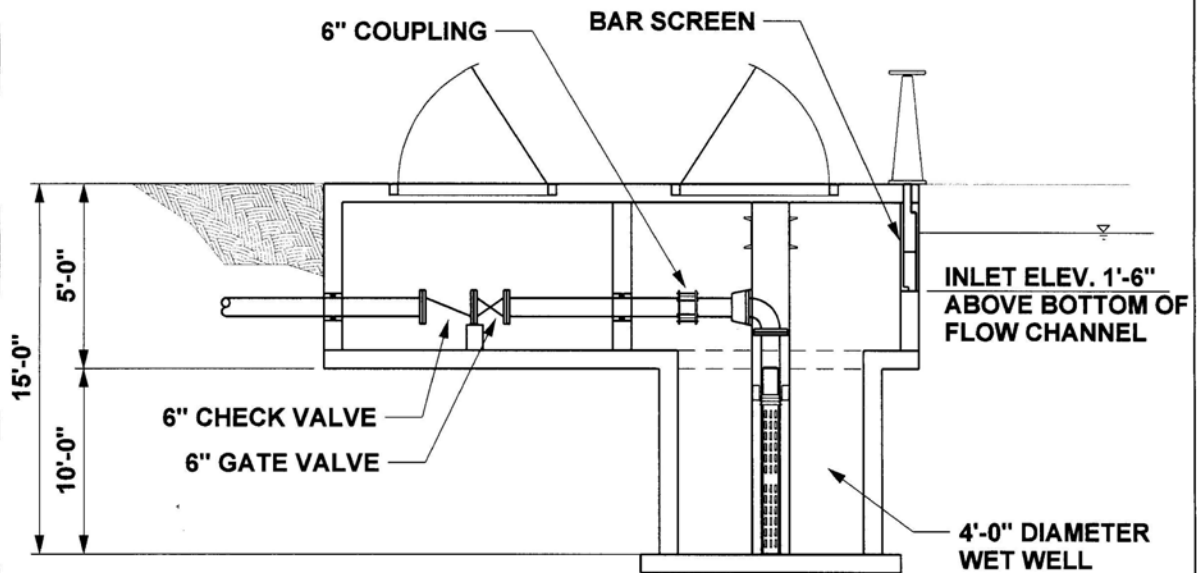








INTAKE STRUCTURE PLAN



INTAKE STRUCTURE SECTION "A-A"

<p>LAWRENCEBURG QUADRANGLE</p> <p>SCALE: 1/4" = 1'-0"</p> <p>0415-00</p>	<p>CROWSON CREEK WATER WITHDRAWAL PERMIT LAWRENCEBURG COUNTRY CLUB GOLF COURSE LAWRENCEBURG, TENNESSEE</p>	<p>HKA HIGHERS, KOONCE & ASSOCIATES, INC. Civil and Environmental Engineering 3343 Parkview Ave. Suite 202 Nashville, Tennessee 37215-3337-7200</p>
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